CGMS-50 WGIV actions

SCIR International Cooperation

Exported on 03 Feb 2023

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| **WGIV actions open from previous plenary sessions (at CGMS-49)** |
| Actionee | AGN item | Action # | Description | Action feedback/closing document | Deadline | Status | HLPP ref |
| WGIV | WGII/4 | A45.05 | Action from WGII: Ensure timely (< 1 hr) and free access to all geostationary visible, IR and water vapour data that is required to improve global hydrological prediction. | WGIV 26 Jan 2023 : Natalia to follow up with WGIIWGIV Apr 2022: needs update after IPWG meeting in June 2022. Due to potential schedule conflict this may not be possible until after CGMS-50 plenary2022 18 Jan: needs an update from WGII and is still open waiting for input from the IPWG2021 9 Nov:  await the work from WGII on (WGII49.??) , then follow upCGMS-49: A common minimum baseline for Level-2 products generated from geostationary imagery data is proposed in CGMS-49-WMO-WP-142021 2 Feb: On holdAt CGMS-48/47: Pending response from WGIV/A46.02Put on hold until requirements are clarified (see new action A46.02)29 May 2018: NOAA provides this data at the requested latency.14 Mar 2018: IPWG recognises it is not feasible having all channel data from the new era of GEO satellites, however:a) At a minimum, sustained 30-min refresh full disk longwave IR (10 to 15-min desired), near realtime access;b) Given the expanded spectral bands of the operational global geo constellation, additional 6.2 um water vapor channel data, at the same refresh as IRc) Finally, visible channel data desired25 Oct '17: CGMSSEC has sent a message to IPWG co-chairs to this purpose asking for more details to enable WGIV to react. [enquiry sent to R Ferraro 19 Feb 2018]WGIV IS 11 Oct '17: This action was discussed and WGIV concluded the request is too open and would have a significant impact on the data access in this form.The following clarification was formulated and CGMSSEC is asked to pass this on to the IPWG:The precipitation community to clarify what data are needed, in terms of time/spatial resolution, spectral channel selection, and sub-setting. CGMSSEC to follow this up with IPWG. | CGMS-50 (CGMS-49) | ONGOING | 3.1.5 |
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| WMO + EUM (CGMS space agencies) | WGIV/ | WGIV/A48.09 | Noting the recent conclusions of the WMO IPET-DRMM and the concurrence expressed in CGMS WG III, WMO is encouraged to add the satellite identifier (from Common Code Table C5) and satellite instrument identifier (from Common Code Table C8) to OSCAR Space. (This action originates from WGIII discussions at CGMS-44, WGIII R44.02 and WGIII/A47.05 and discussions at CGMS-48 WGIII, May 2020) | WGIV 26 Jan 2023 : Implementation plan drafted with WMO WIGOS team and Task Group on Satellite Data and Codes. Going to be implemented as a part of next OSCAR/Space development work package together with WIGOS Station Identifier implementation2022 11 Apr: Ongoing.  To be clarified if OSCAR update is in progress (WMO)2022 4 Feb: deadline changed to CGMS-50 (for CCT-C8)2022 18 Jan: Wait until WIGOS Station Identifier discussions re CCT C-5 are concluded before addressing C-5 in OSCAR. Action can be addressed for CCT-C82021 9 Nov: not yet implemented (WMO)2021 27 Apr: WMO to confirm2021 22 Feb: EUMETSAT has addressed this with WMO. To be incorporated in the OSCAR space database. Action recommended for closure.2020 May 29: Action transferred to WGIV (lead EUM/Simon.Elliott@[eumetsat.int](http://eumetsat.int)).2020 Feb 19: WMO now focuses on the NWP station identifiers. | CGMS-51 CGMS-49 (CGMS-48) | OPEN | 3.9.1 |
| Satellite operators who launched new satellites since 2016 | WGIV/2 | WGIV/A49.01 | To provide updates for WMO "Guidelines on Best Practices for Achieving User Readiness for New Meteorological Satellites"<https://library.wmo.int/doc_num.php?explnum_id=3553> | WGIV 26 Jan 2023 : Can be CLOSED2022 29 Apr: work is ongoing: ET-SSU and CGMS WG IV (to be endorsed by CGMS-51)2022 11 Apr: To be addressed by the Task Group on User Readiness once established2022 1 Mar: NOAA representatives: vanessa.escobar@noaa.gov; Jason.Taylor@noaa.gov; Satya.Kalluri@noaa.gov2022 7 Feb: To be addressed by TG-UR (see action A48.08)2022 18 Jan: Needs updating based on new satellite launch dates2021 9 Nov: will be a key subject for the new task team on user readinessRelevant agencies:JMA, NOAA, EUMETSAT, KMA, CMA, IMD, ROSHYDROMET | CGMS-51 | ONGOING | 3.2.1 |
| CGMS members | WGIV/8 | WGIV/A49.04 | to propose a candidate for the TFMI chair. | WGIV 26 Jan 2023 : to be followed up at meeting of rapporteurs and co-chairs before WGIV meeting in April 20232022 29 Apr: no much progress2022 4 Feb: To be addressed at TG-M KOM on 17 Feb 2022 - outcome?2022 18 Jan: No progress2021 9 Nov:  will be address as part of (re-) establishing the Task Group on MetaData, and other Task Groups | CGMS-50 | OPEN |  |
| CGMS space agencies | 4.1 | (R49.02) | Transferred from CGMS-49 plenaryWhen pursuing data purchasing, CGMS recommends CGMS space agencies to consider an option for redistributing data to global NWP centres | 2022 11 Apr: NOAA is currently distributing the Radio Occultation data we are purchasing under our current delivery order to National Meteorological and Hydrological Centers for non-commercial useWGIV to consider adding this to the WGIV CGMS-50 agenda.WGIV to collect input from CGMS space agencies on the data buy redistribution options to global NWP centres by end 2021.Feedback to WGIV to WGIII on the baseline/risk assessment (Feb 2022) for inclusion or not - TBD. | CGMS-50 | OPEN |  |
| Plenary | 2 | (WGIIR49.) | Transferred from CGMS-49 WGII and plenaryWorking Group II recommends to CGMS Plenary the adoption of the proposed baseline products for geostationary satellites presented in CGMS-49-WMO-WP-14 with the addition of SSTs, to be considered for subsequent implementation by all Agencies. | 2022 18 Jan:2021 9 Nov:  await the work from WGII, then follow upEndorsed by CGMS-49 plenary.WGII/Ken to send to WGIII and WGIV relevant parts of WGII report.Action to WGIII to update the baseline accordingly.(WGII action to WGIV on related redistribution mechanisms). | CGMS-50 | OPEN |  |
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| **Actions to  be reviewed in the medium term:** |
| CGMS members | WGIV/16 | A47.06 | CGMS members, through WGIV, to review CGMS members’ adherence levels to the CEOS Data Preservation Guidelines on a regular basis (every 2-5 years). For review at CGMS in the 2023-2024 timeframe. | 2022 18 Jan:2019, 10 Dec, IS WGIV: CGMSSEC/Anne to raise it with MRa if this should be covered by the HLPP.ISRO/Nitant Dube will secure that CGMS is informed once new version(s) of the CEOS DP guidelines are available.(The related recommendation was endorsed by CGMS-47 plenary). | 2023-2024 |  |  |
|  |  |  | The Terms of Reference of the CGMS Working Groups to be reviewed every 5 years. WGIV  to review its ToRs in 2023. |  | 2023 |  |  |
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| **CGMS-49 WGIV recommendations** |
| Lead | AGN item | Rec # | Description | Recommendation feedback/closing document | HLPP |  |  |
| CGMS members | 2 | WGIV/R49.01 | To consider an enhancement of advance notifications of processing changes as specified below and provide feedback to WG-IV. If a planned change to data processing results in a change in brightness temperature of 0.1K or 20% of NEdT (whichever is smaller), this should be made clear in notifications to users. These notifications should be made no later than 8 weeks before the change and test data should be provided if possible. [From the ITWG ITSC-21 Report] | 2022 11 Apr: NOAA: To be addressed by the Task Group on User Readiness once established2021 9 Nov: to be addressed by the Task Group on User Readiness once establishedTo be converted into a good practice document. |  |  |  |
| CGMS members | 12 | WGIV/R49.02 | The WGIV Cyber Security Expert Group welcomes any other members who are not yet represented in the group, and to propose new security related topics to be addressed by the group | 2022 11 Apr: NOAA: So far the cyber security group met only once, for establishing the terms of reference.  They should have met in December 2021; however, the attendance was too low and all experts were busy.2021 9 Nov: standing recommendation to support Task Group, outreach to be addressed |  |  |  |
| CGMS members | 12 | WGIV/R49.03 | The Cloud Expert Group welcomes any other members who are adopting cloud services to discuss best practices, exchange information, and identify emerging coordination opportunities. | 2022 11 Apr: NOAA: Ongoing2021 9 Nov: standing recommendation to support Task Group, outreach is planned via a flyer by end of November |  |  |  |
| CGMS members | WGIV/(Pl 9.1) | WGIV/R48.01(Pl R47.10) | On training and education:CGMS members to provide contributions into the WMO VLab Trust Fund to ensure the continuation of technical support to the VLab. CGMS members considering to provide additional support should contact the WMO Space Programme Secretariat | 2022 11 Apr: NOAA: WMO has confirmed that NOAA contributed to the Trust Fund and the money was transferred in December 2021.2020 Aug: Transferred to WGIV2020 May CGMS-48 WG discussions: VLab will in future be addressed in WGIV, user preparedness. The plenary recommendation is critical!2020 Jan 22, CGMSSEC IS#2: To be addressed within the framework of Vlab, WMO, CGMSSEC plus communication to CGMS agencies | 7.2.3 |  |  |
| CGMS space agencies | WGIV/7 | R42.01 | Satellite operators to provide WIS Discovery Metadata Records, compliant to WIS requirements and following the guidance to be provided by the CGMS-WMO Task Force on metadata implementation, in order to facilitate satellite information discovery and access | 2022 11 Apr: NOAA: To be addressed by the Task Group on Metadata once established2021 9 Nov:  to be addressed by the Task Group on MetaData once re-establishedCGMS-48: to be converted into Best Practise by IS sub-group (NOAA: NCEI? See also WGIV/A48.02)at CGMS-47: consider conversion into best practise during inter-sessional meeting | 3.7, 3.8 |  |  |
| CGMS space agencies | WGII/10 | R43.07 | CGMS agencies to make available a non real-time cache of satellite level 1 data over the previous 2-3 months, similar to the NOAA CLASS system. | 2022 18 Jan:2021 9 Nov:  to be addressed by the Task Group on Data Access/Exchange once establishedCGMS-48: to be converted into Best Practise by IS sub-groupat CGMS-47: consider conversion into best practise during inter-sessional meeting | 3.16 |  |  |
| CGMS members | WGIV/6 | new recommend-ation | On training and education:CGMS members to participate in the EOTEC DevNet regional discussions planned in the future, held online across time zone”.Information for the upcoming regional meetings is available at <https://ceos.org/ourwork/other-ceos-activities/eotec-devnet/> and more detailed information for the most recent regional meetings at <https://ceos.org/meetings/eotec-devnet-regional-meetings/>. | 2022 18 Jan:2021 9 Nov:  WGIV proposed to create a recommendation for ongoing meetings, to strengthen cooperation between CEOS and CGMS-WMO VLab communities. | 3.16 |  |  |

# CGMS-50

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| **CGMS-50 WGIV actions** |
| Actionee | AGN item | Action # | Description | Action feedback/closing document | Deadline | Status | HLPP ref |
| CGMS Members | §3.4 | WGIV/A50.01 | CGMS members continue to foster the growth of EOTEC DevNet by, for example: joining the CoPs, identifying other experts for the CoPs, contributing to EOTEC DevNet products, and sharing EOTEC DevNet information within their network. |  | CGMS 51 | **Open** |  |
| CGMS Sec and CEOSS WGISS | §4.3 | WGIV/A50.02 | WGISS and WGIV to hold a joint meeting to discuss modalities and areas of common activities between WGISS and WGIV. This should include a report on the implementation of the adopted guidelines. |  | CGMS 51 | **Open** |  |
| WGIV | §12 | WGIV/A50.03 | WGIV recommends Plenary to endorse Natalia Donoho (NOAA) and Simon Elliott (EUMETSAT) as WGIV co-rapporteurs.  |  | CGMS 50 Plenray | **Open** |  |
|  |  | WGIV/A50.04 |  |  |  | OPEN |  |
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| **CGMS-50 WGIV recommendations** |
| Lead | AGN item | Rec # | Description | Recommendation feedback/closing document | HLPP |  |  |
| CGMS Plenary | §4.3 | WGIV/R50.01 | CGMS WGIV recommends to the Plenary Session of CGMS 50 to suspend the activities of the Task Group on Cyber Security, and to revisit the role of the Task Group for CGMS 52. |  |  |  |  |
| WGIV Cloud Service Expert Group | §4.3 | WGIV/R50.02 | WG IV recommends that Cloud Service Workshops are organised on an annual basis, the schedule being shortened to take advantage of the consequent recurrence.  |  |  |  |  |

**CGMS-50 actions from the plenary session – For WGIV to monitor/control**

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| CGMS members | 6 | WGIV/(P)A50.01 | (Action to be monitored by WGIV)CGMS members are invited to contact WMO to provide contributions to the WMO VLab Trust Fund to ensure the continuation of technical support to the VLab through the VLab Technical Support Officer as well as to the implementation of VLab projects. |  | CGMS-51 | OPEN |  |